



# Winter Storm to Impact W CO/E UT

December 8, 2021  
2:04 PM

First round of snow this afternoon, main impacts Thurs-Fri

## Key Messages

- First major winter storm to impact E UT/ W CO
- Precipitation associated with a weak disturbance occurring right now, followed by a lull near daybreak Thurs
- Main event expected to begin Thursday and last through Friday
- 1-2 feet of snow expected at higher elevations
- Valley snow possible along I-70, SW CO, watches in effect

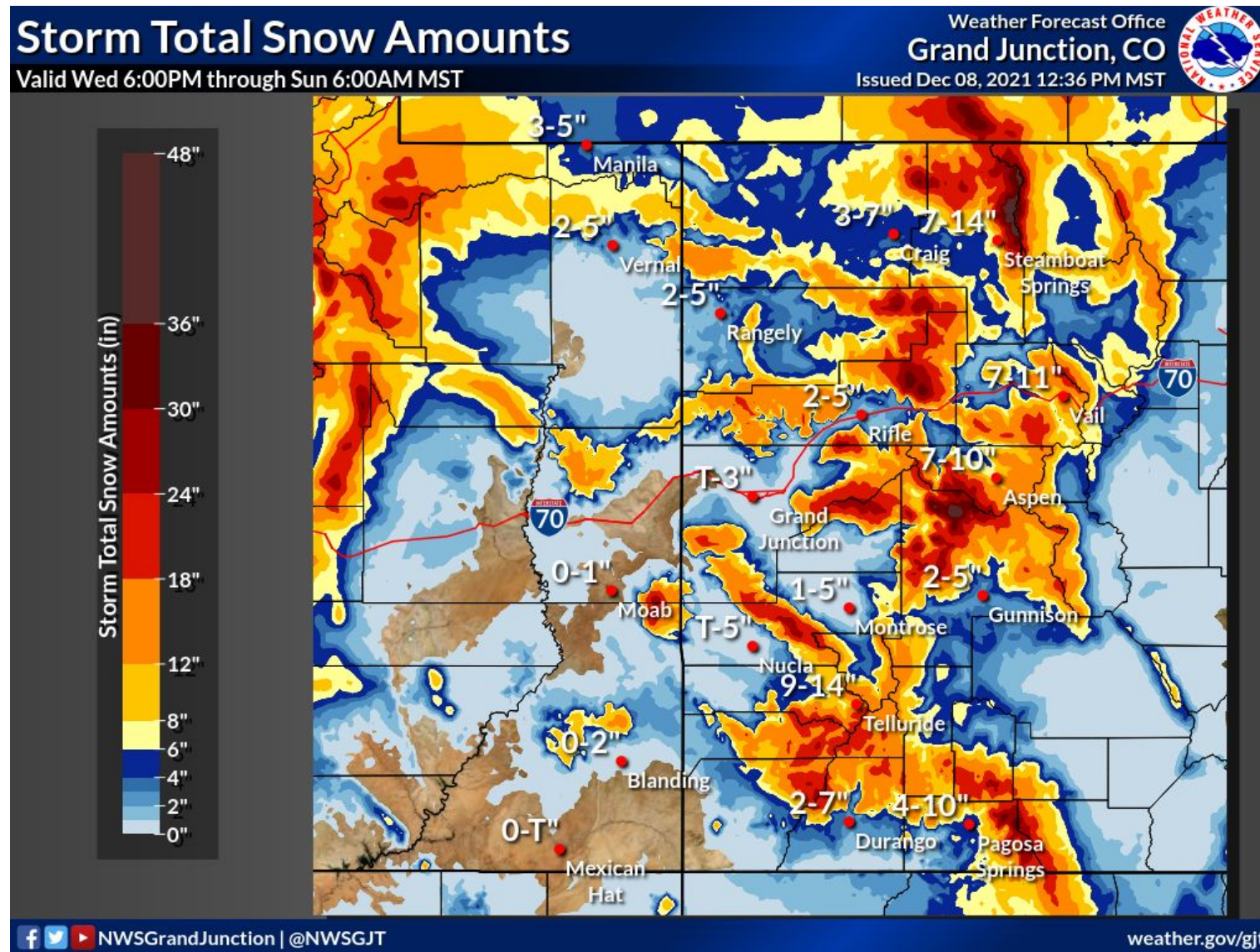
NEW

## Important Updates

- First Issuance

## Next Scheduled Briefing

- Thursday 12/9



**Storm Total Snow**  
**6 PM Wed through 6 AM Sun**



National Oceanic and  
Atmospheric Administration  
U.S. Department of Commerce

National Weather Service  
Grand Junction, Colorado





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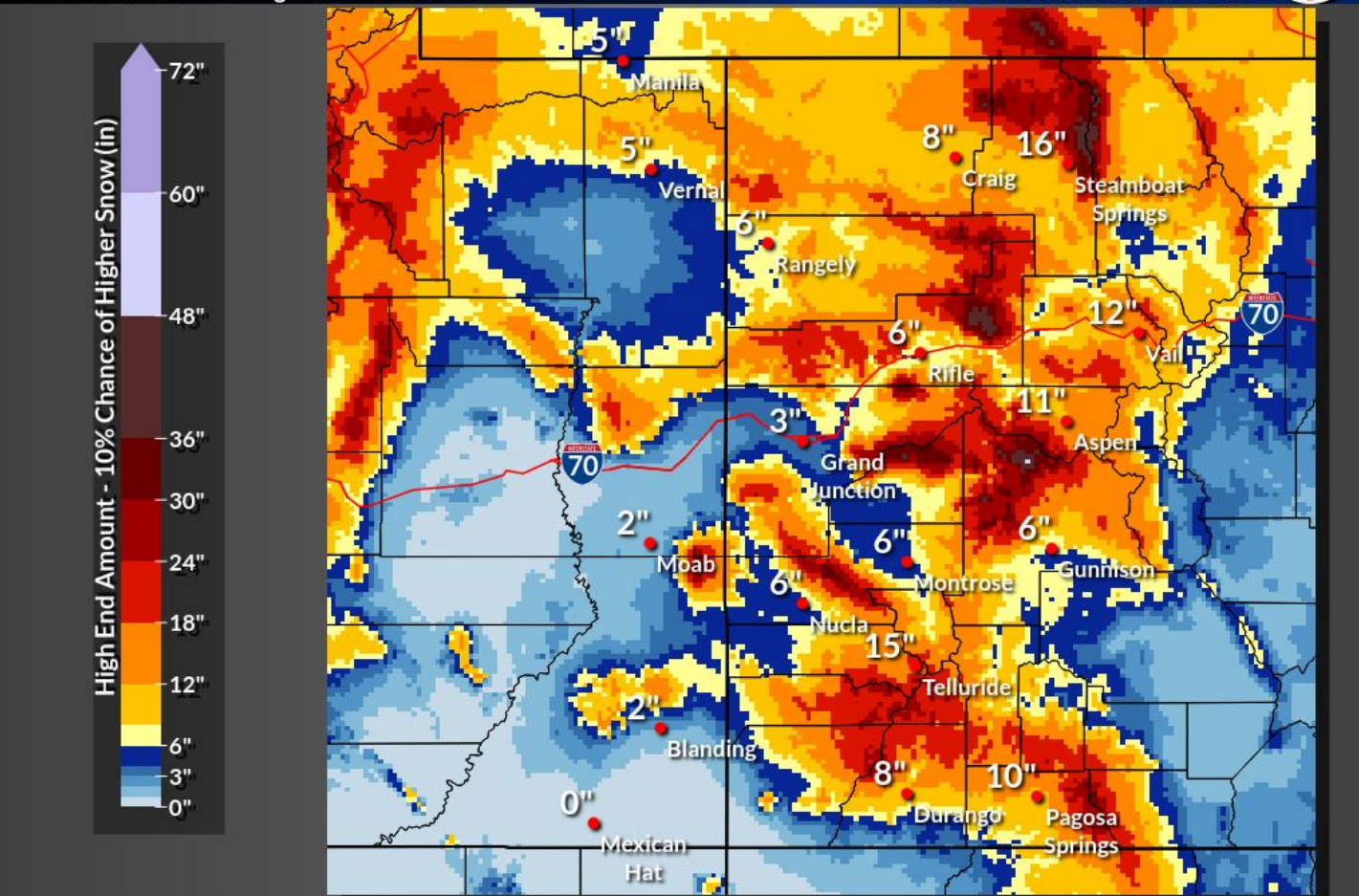
December 8, 2021  
2:04 PM

## Snowfall Probabilities

### High End Amount - 10% Chance of Higher Snow

Valid Wed 6:00AM through Fri 6:00PM MST

Weather Forecast Office  
Grand Junction, CO  
Issued Dec 08, 2021 1:05 PM MST



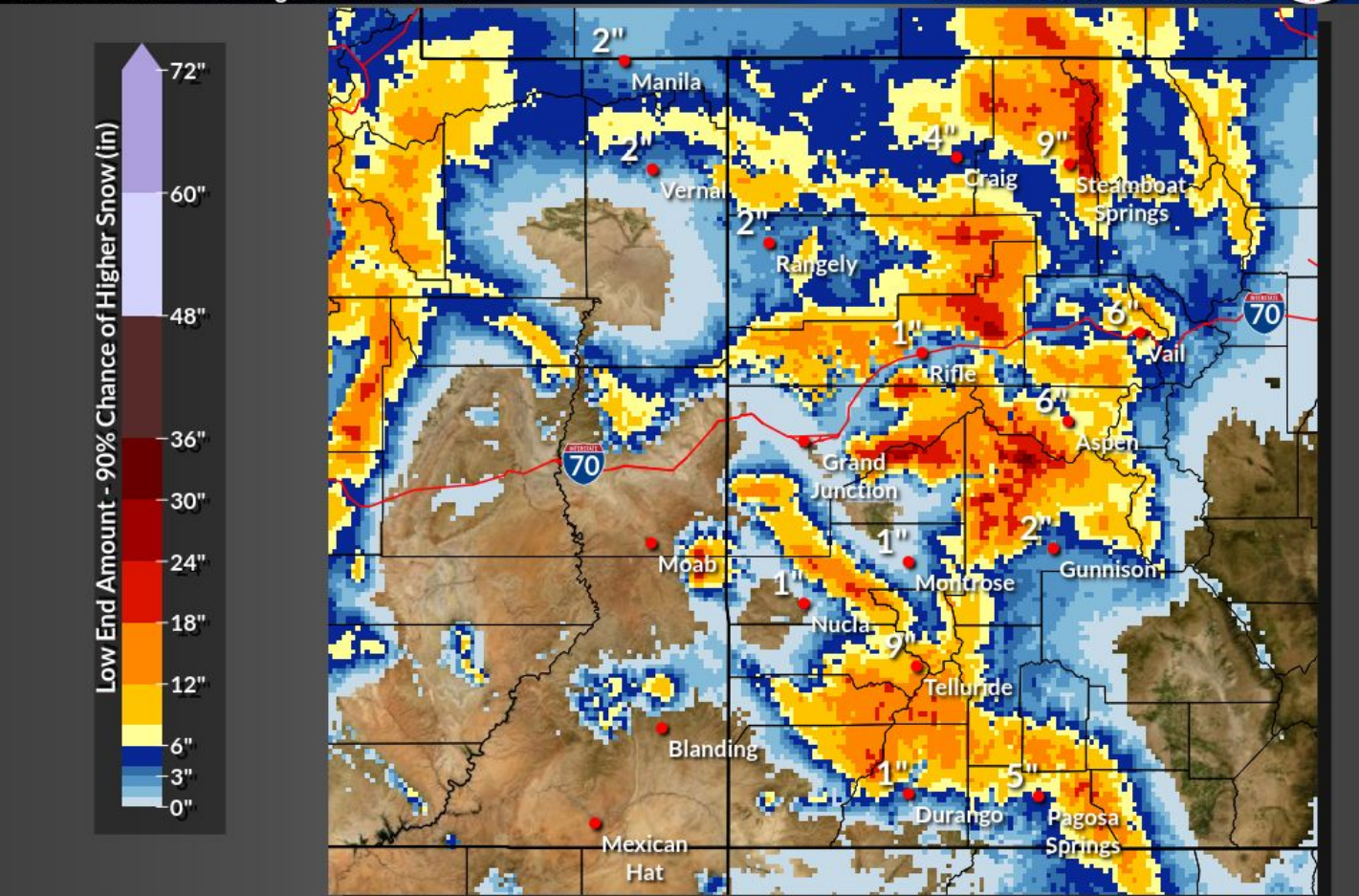
f t y NWSGrandJunction | @NWSGJT

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### Low End Amount - 90% Chance of Higher Snow

Valid Wed 6:00AM through Fri 6:00PM MST

Weather Forecast Office  
Grand Junction, CO  
Issued Dec 08, 2021 1:05 PM MST



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1 in 10 Chance (10%) of Higher Snowfall

9 in 10 Chance (90%) of Higher Snowfall



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Grand Junction, Colorado





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## Key Points



**Hazards:** Heavy snowfall. 1-2 feet expected across the higher elevations, winds gusting up to 40 mph. Blowing and drifting snow. Several inches across northern valleys, 1-3 inches possible along I-70 east of Grand Junction, and in SW CO.



**Areas Impacted:** All portions of the area, but worst in the highest elevations.



**Timing & Duration:** Snow from a weak system is tracking southwest to northeast, and will come to an end by daybreak Thursday. A brief lull is expected Thursday morning, then the main system moves in from Thursday afternoon through Friday.



**Impacts:** Snow and blowing snow will result in difficult and hazardous winter driving conditions, especially at pass level.



**Winter Driving**

Slow down and use caution if you must travel during this upcoming winter storm as road conditions can change quickly. Before you travel, pack a winter survival kit for your vehicle. If possible, consider altering your travel plans.



weather.gov







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## Winter Storm Severity Index

- Through Thursday afternoon, minor to moderate impacts limited to mainly higher elevations of eastern Utah and western Colorado.
- As the main system moves in Thursday afternoon, expect moderate to major impacts to increase in area and spread to lower elevations

### LIMITED IMPACTS

Typically results in little inconveniences.

### MINOR IMPACTS

Typically results in an inconvenience to daily life.

### MODERATE IMPACTS

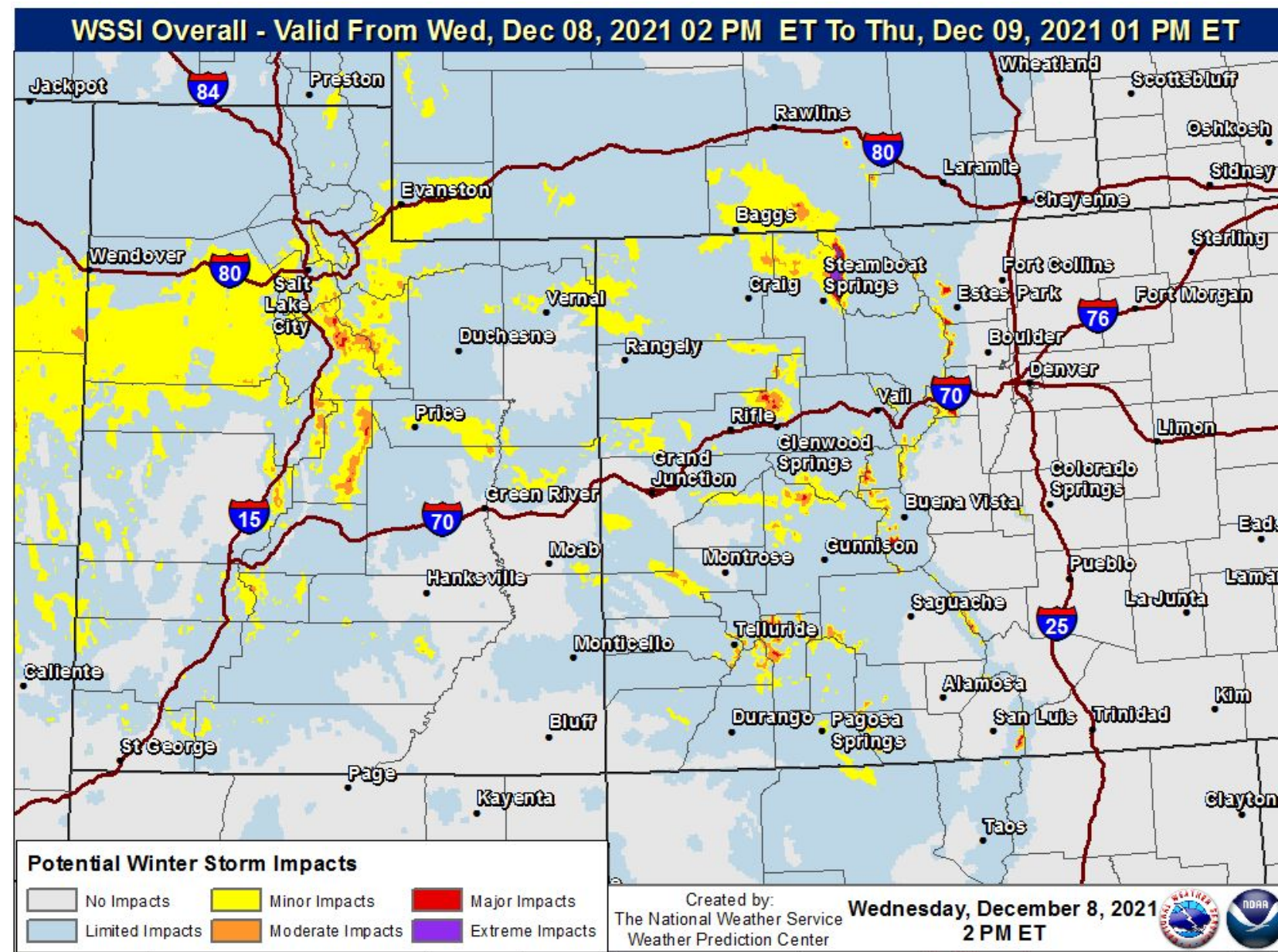
Typically results in disruptions to daily life.

### MAJOR IMPACTS

Will likely result in major disruptions to daily life.

### EXTREME IMPACTS

Results in extreme disruptions to daily life.



## Winter Storm Severity Index

National Weather Service  
Grand Junction, Colorado



National Oceanic and  
Atmospheric Administration  
U.S. Department of Commerce

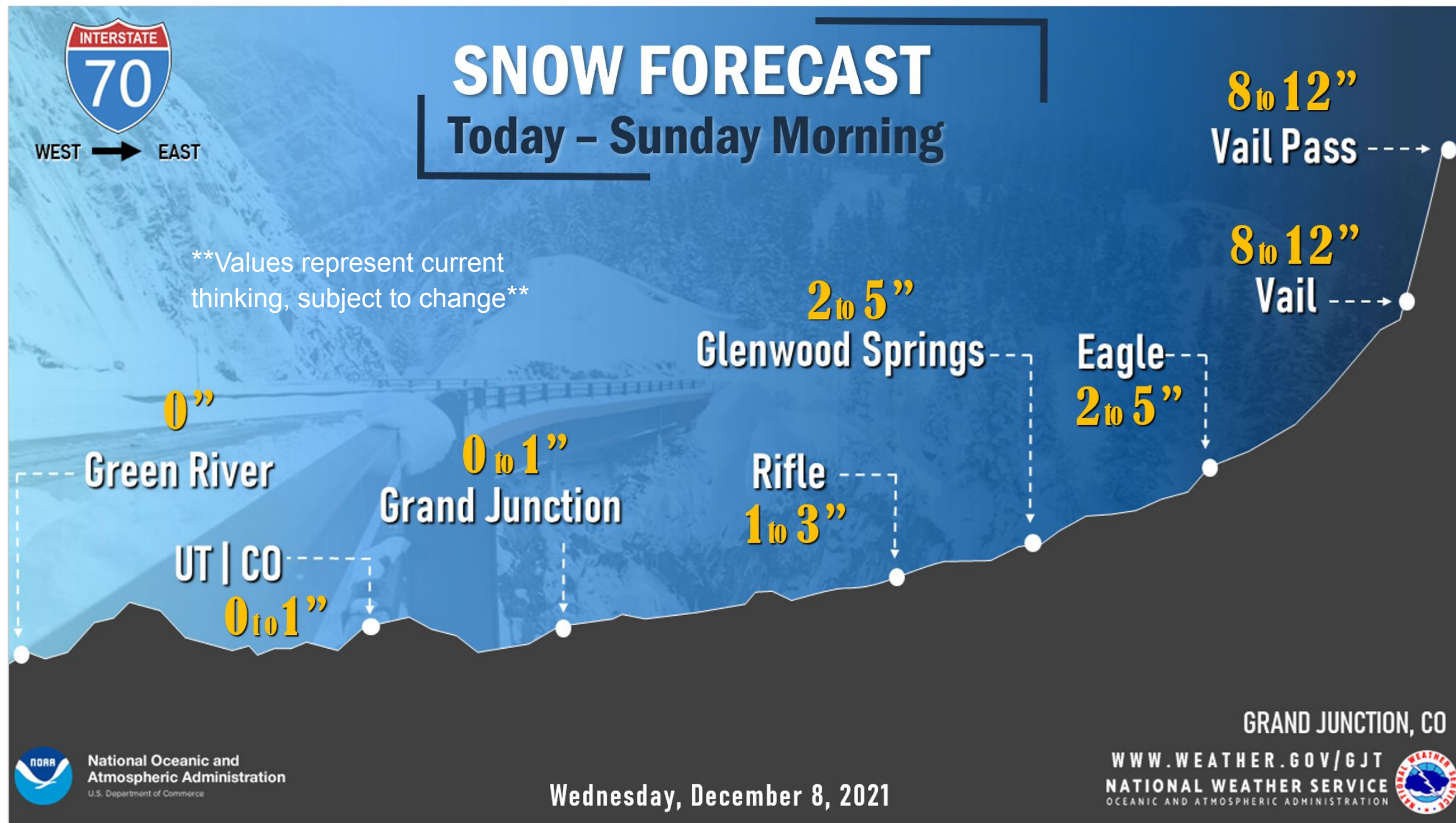




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## I-70 Snow Forecast



National Oceanic and  
Atmospheric Administration  
U.S. Department of Commerce

National Weather Service  
Grand Junction, Colorado





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## Summary

### Key Messages

- First major winter storm to impact E UT/W CO. Main system to begin Thursday, lasting through Friday
- 1-2 feet of snow expected for higher elevations, trace to a few inches of valley snow possible
- Heavy snow, with blowing and drifting possible, will make winter travel difficult and hazardous.

 <p><b>Blizzard Warning</b></p> <p>Severe winter weather is expected within the next <b>12 to 36 hours</b> or is occurring -- including whiteout conditions. <b>Do not travel.</b></p> <p><b>take action.</b></p>	 <p><b>Winter Storm Warning</b></p> <p>Dangerous winter weather is expected within the next <b>12 to 36 hours</b> or is occurring. <b>Considerable travel problems</b> are expected.</p> <p><b>take action.</b></p>	 <p><b>Winter Weather Advisory</b></p> <p>Potentially dangerous winter weather is expected within the next <b>12 to 36 hours</b> or is occurring. <b>Travel difficulties</b> are expected.</p> <p><b>be aware.</b></p> 
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### Additional Resources

[NWS Grand Junction Website](#)  
[Snowfall Probability Maps](#)  
[Forecast Points \(Hourly Details\)](#)  
[NWS Winter Safety](#)

**Road Conditions**  
CO: [www.cotrip.org](http://www.cotrip.org)  
UT: [www.udot.utah.gov](http://www.udot.utah.gov)

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